

## EAST Search History

| Ref # | Hits   | Search Query                                     | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|--------|--|--|------------------|---------|---------------------|
| S170  | 185    | S166 and S169                                    | US_PGPUB;<br>USPAT   | OR               | ON      | 2008/06/24<br>11:14 |
| S169  | 914    | S167 same S168<br>same analog<br>same digital    | US_PGPUB;<br>USPAT   | OR               | ON      | 2008/06/24<br>11:14 |
| S168  | 110669 | driving with<br>voltage                          | US_PGPUB;<br>USPAT   | OR               | ON      | 2008/06/24<br>11:14 |
| S167  | 96420  | driving with<br>current                          | US_PGPUB;<br>USPAT   | OR               | ON      | 2008/06/24<br>11:14 |
| S166  | 79440  | (315/169.1-<br>169.4).CCLS. or<br>("345").CLAS.  | US_PGPUB;<br>USPAT   | OR               | OFF     | 2008/06/24<br>11:14 |
| S165  | 93     | S163 and S164                                    | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR               | ON      | 2008/06/24<br>11:14 |
| S164  | 6479   | voltage with<br>(digital adj<br>(source signal)) | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR               | ON      | 2008/06/24<br>11:14 |
| S163  | 2010   | analog with<br>(current adj<br>(source signal))  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                     | OR               | ON      | 2008/06/24<br>11:14 |
| S186  | 361    | S185 and S179                                    | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/06/24<br>11:15 |
| S185  | 2157   | S184 and<br>capacitor                            | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/06/24<br>11:15 |
| S184  | 2667   | S183 and display                                 | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/06/24<br>11:15 |
| S183  | 17220  | S180 and S181<br>and S182                        | US_PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/06/24<br>11:15 |

|      |        |   |  |    |     |                     |
|------|--------|---|--|----|-----|---------------------|
| S182 | 508201 | current near2<br>(signal period<br>circuit)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:15 |
| S181 | 640744 | voltage near2<br>(signal period<br>circuit)                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:15 |
| S180 | 40735  | ("no" "not"<br>"none" "zero")<br>with current with<br>transistor    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/06/24<br>11:15 |
| S179 | 14185  | ((345/76-82,204-<br>210,690-699) or<br>(315/169.1-<br>169.4)).CCLS. | US-PGPUB;<br>USPAT   | OR | OFF | 2008/06/24<br>11:15 |
| S178 | 433    | S175 and S176<br>and S177   | US-PGPUB;<br>USPAT   | OR | ON  | 2008/06/24<br>11:15 |
| S177 | 411453 | capacitor   | US-PGPUB;<br>USPAT   | OR | ON  | 2008/06/24<br>11:15 |
| S176 | 493561 | transistor  | US-PGPUB;<br>USPAT   | OR | ON  | 2008/06/24<br>11:15 |
| S175 | 623    | S173 and S174   | US-PGPUB;<br>USPAT   | OR | ON  | 2008/06/24<br>11:15 |
| S174 | 14185  | ((345/76-82,204-<br>210,690-699) or<br>(315/169.1-<br>169.4)).CCLS. | US-PGPUB;<br>USPAT   | OR | OFF | 2008/06/24<br>11:15 |
| S173 | 23011  | S171 and S172   | US-PGPUB;<br>USPAT   | OR | ON  | 2008/06/24<br>11:15 |
| S172 | 101518 | voltage with<br>digital   | US-PGPUB;<br>USPAT   | OR | ON  | 2008/06/24<br>11:15 |
| S171 | 52841  | analog with<br>current  | US-PGPUB;<br>USPAT   | OR | ON  | 2008/06/24<br>11:15 |

6/25/2008 11:12:24 AM

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